

CLAIMS

We claim:

1. A device for indicating a direction of movement of a passenger conveyor, comprising:
5 a display that is adapted to be placed beneath a handrail near a landing at one end of the conveyor such that the display is visible to an individual approaching the end of the conveyor.
2. The device of claim 1, wherein the display includes a display screen supported
10 on a surface that is at least partially at an oblique angle relative to the landing when the display is placed beneath the handrail.
3. The device of claim 1, wherein the display comprises an electronic display
15 panel.
4. The device of claim 3, wherein the display is lighted.
5. The device of claim 3, wherein the display comprises a liquid crystal display
20 panel.
6. The device of claim 1, including a controller that controls an indicator on the
display and wherein the controller automatically sets the indicator to correspond to a
direction of movement of the conveyor.
- 25 7. The device of claim 6, wherein the controller uses information regarding a
direction of movement of a motor of the conveyor to determine the corresponding
indicator.
8. The device of claim 1, including a handrail entry module having a generally
30 vertical portion that has an opening through which the handrail passes and a support
surface extending generally down and away from the vertical portion and wherein the
display is positioned on the support surface.

9. The device of claim 8, wherein the support surface is curved.

10. A passenger conveyor, comprising:
a plurality of steps that move along a selected path between two landings;
a handrail that moves with the steps;
at least one support surface positioned beneath the handrail near a
5 corresponding one of the landings; and
a display associated with the support surface such that the display is visible to
an individual approaching the landing, the display providing an indication of a
direction of movement of the steps.
- 10 11. The passenger conveyor of claim 10, including a handrail on each side of the
steps and a display beneath each handrail near each landing.
12. The passenger conveyor of claim 10, wherein the support surface is at least
15 partially at an oblique angle relative to the landing and the display is supported on the
surface.
13. The passenger conveyor of claim 10, including a handrail entry module that
includes a generally vertical portion that has an opening through which the handrail
passes and wherein the support surface extends generally down and away from the
20 vertical portion and wherein the display is positioned on the support surface.
14. The passenger conveyor of claim 13, wherein the support surface is curved.
15. The passenger conveyor of claim 10, wherein the display comprises an
25 electrically powered indicator.
16. The passenger conveyor of claim 15, wherein the display is selectively at least
partially lit to provide the indication of the direction of step movement.
- 30 17. The passenger conveyor of claim 15, wherein the display comprises a liquid
crystal display panel.

18. The passenger conveyor of claim 10, including a controller that controls the indication on the display and wherein the controller automatically sets the indication to correspond to a direction of movement of the steps.

5 19. The passenger conveyor of claim 18, including a machine that propels the steps in a selected direction and wherein the controller uses information regarding operation of the machine to determine the corresponding indication.

10 20. The passenger conveyor of claim 19, wherein the controller controls operation of the machine and the display.